

# **APPENDIX E**

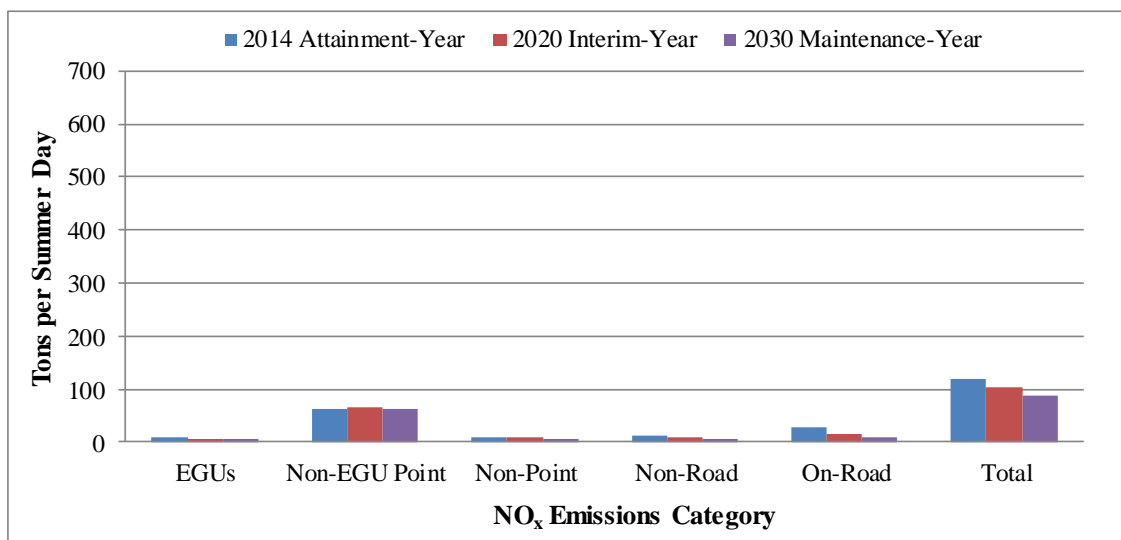
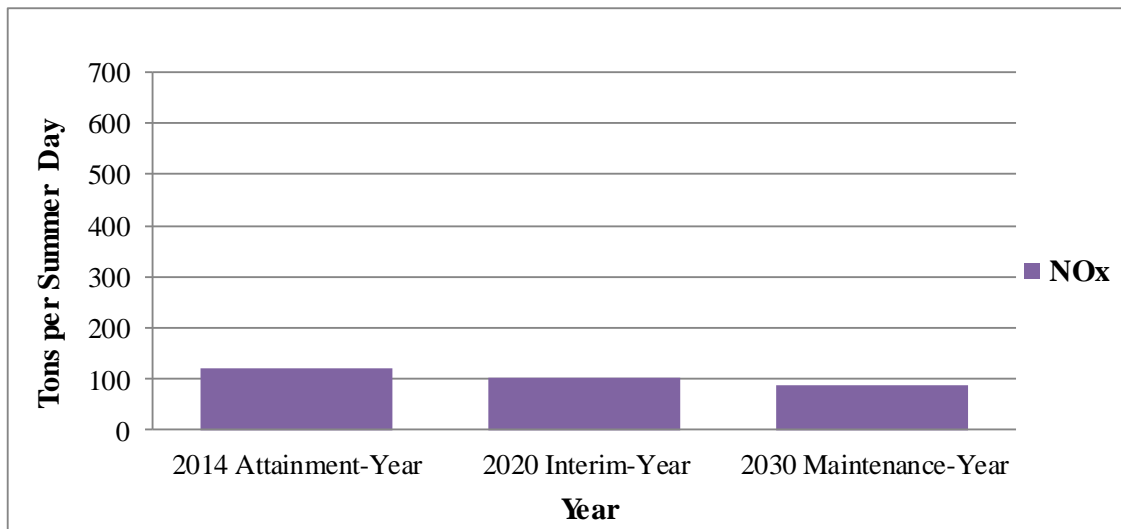
**Projected NO<sub>x</sub> and VOC Emission Inventories for  
Indiana's Portion (Lake and Porter Counties),  
Illinois' Portion, Wisconsin's Portion, and the  
Entire Chicago-Naperville, IN-IL-WI, 2008 8-  
Hour Ozone Nonattainment Area, 2014  
(Attainment-Year), 2020 (Interim-Year), and 2030  
(Maintenance-Year)**

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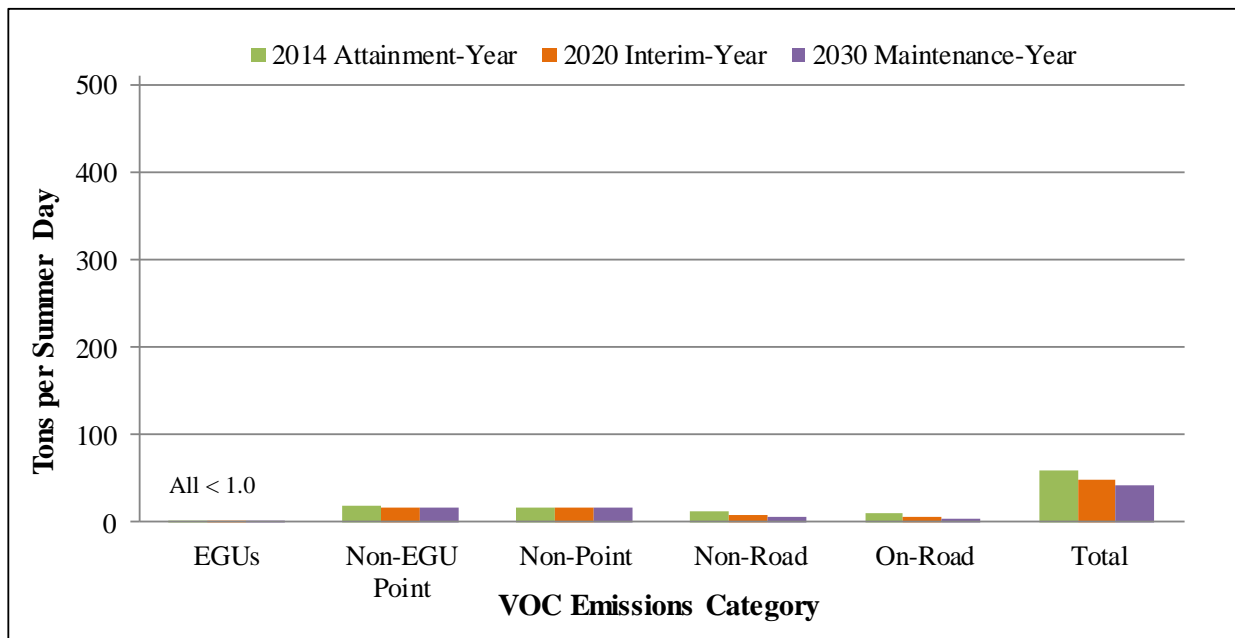
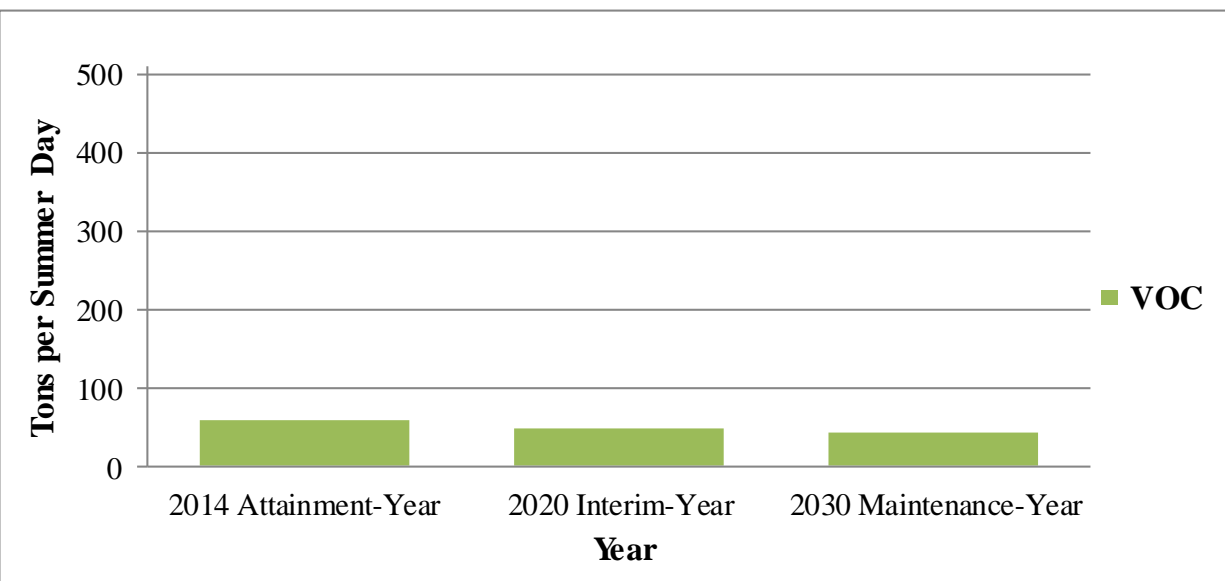
## Indiana's Portion (Lake and Porter Counties)

<b>Projected NO<sub>x</sub> and VOC Emissions Change between 2014 (Attainment-Year) and 2030 (Maintenance-Year) – Lake and Porter Counties, Indiana (Tons per Summer Day)</b>				
<b>Emission</b>	<b>2014</b>	<b>2030</b>	<b>Change</b>	<b>% Change</b>
<b>NO<sub>x</sub> tpsd</b>	119.54	87.58	-31.96	-27%
<b>VOC tpsd</b>	59.09	42.33	-16.76	-28%

<b>Comparison of NO<sub>x</sub> Emissions for All Anthropogenic Sources by Year and Category - Lake and Porter Counties, Indiana, 2014 (Attainment-Year), 2020 (Interim-Year), and 2030 (Maintenance-Year) (Tons per Summer Day)</b>						
<b>Year</b>	<b>EGU</b>	<b>Non-EGU Point</b>	<b>Non-Point</b>	<b>Non-road</b>	<b>On-Road</b>	<b>Total</b>
<b>2014</b>	9.82	62.23	9.02	10.88	27.58	119.54
<b>2020</b>	5.50	65.00	8.02	8.54	14.68	101.74
<b>2030</b>	5.89	62.08	6.24	5.67	7.70	87.58



Comparison of VOC Emission for All Anthropogenic Sources by Year and Category - Lake and Porter Counties, Indiana, 2014 (Attainment-Year), 2020 (Interim-Year), and 2030 (Maintenance-Year) (Tons per Summer Day)						
Year	EGU	Non-EGU Point	Non-Point	Non-road	On-Road	Total
2014	0.36	19.08	17.44	11.83	10.39	59.09
2020	0.16	16.89	16.71	8.90	5.96	48.62
2030	0.18	16.19	16.12	5.85	3.99	42.33



**Illinois' Portion of the Chicago-Naperville, IL-IN-WI, Nonattainment Area  
(Cook County, DuPage County, Grundy Township, Kane County, Kendall  
Township, Lake County, McHenry County, Will County)**

<b>Comparison of NO<sub>x</sub> Emissions for All Anthropogenic Sources by Year and Category – Illinois' Portion, 2014 (Attainment-Year), 2020 (Interim-Year), and 2030 (Maintenance- Year) (Tons per Summer Day)</b>						
<b>Year</b>	<b>EGU</b>	<b>Non-EGU Point</b>	<b>Non-Point</b>	<b>Non-Road</b>	<b>On-Road</b>	<b>Total</b>
<b>2014</b>	36.64	49.27	30.65	145.44	242.84	504.84
<b>2020</b>	36.16	49.08	31.17	112.94	116.63	345.98
<b>2030</b>	46.81	49.69	31.58	95.88	56.29	280.25

<b>Comparison of VOC Emissions for All Anthropogenic Sources by Year and Category – Illinois' Portion, 2014 (Attainment-Year), 2020 (Interim-Year), and 2030 (Maintenance- Year) (Tons per Summer Day)</b>						
<b>Year</b>	<b>EGU</b>	<b>Non-EGU Point</b>	<b>Non-Point</b>	<b>Non-Road</b>	<b>On-Road</b>	<b>Total</b>
<b>2014</b>	0.74	45.61	212.28	89.89	95.34	443.86
<b>2020</b>	0.63	44.8	202.33	78.41	54.03	380.20
<b>2030</b>	1.05	43.73	201.4	83.72	31.35	361.25

**Wisconsin's Portion of the Chicago-Naperville, IL-IN-WI, Nonattainment  
Area (Kenosha County)**

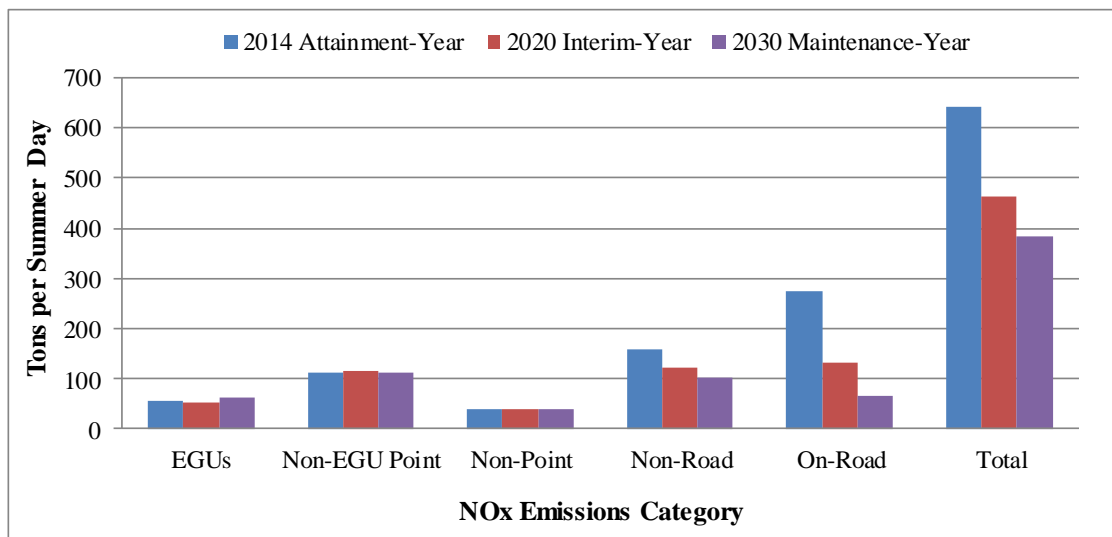
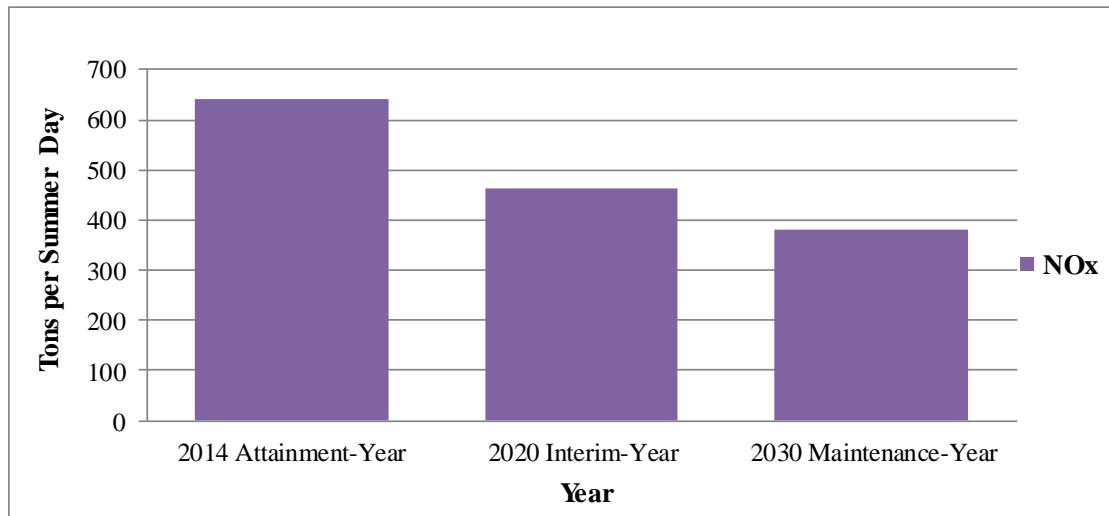
<b>Comparison of NO<sub>x</sub> Emissions for All Anthropogenic Sources by Year and Category – Wisconsin's Portion, 2014 (Attainment-Year), 2020 (Interim-Year), and 2030 (Maintenance-Year) (Tons per Summer Day)</b>						
<b>Year</b>	<b>EGU</b>	<b>Non-EGU Point</b>	<b>Non-Point</b>	<b>Non-Road</b>	<b>On-Road</b>	<b>Total</b>
<b>2014</b>	10.75	0.10	1.08	1.72	3.87	17.52
<b>2020</b>	10.75	0.25	1.18	1.27	2.28	15.73
<b>2030</b>	10.75	0.25	1.30	1.04	1.21	14.55

<b>Comparison of VOC Emissions for All Anthropogenic Sources by Year and Category – Wisconsin's Portion, 2014 (Attainment-Year), 2020 (Interim-Year), and 2030 (Maintenance-Year) (Tons per Summer Day)</b>						
<b>Year</b>	<b>EGU</b>	<b>Non-EGU Point</b>	<b>Non-Point</b>	<b>Non-Road</b>	<b>On-Road</b>	<b>Total</b>
<b>2014</b>	0.56	0.10	4.71	1.18	1.77	8.32
<b>2020</b>	0.56	0.36	5.14	0.91	1.23	8.20
<b>2030</b>	0.56	0.36	5.51	0.88	0.66	7.97

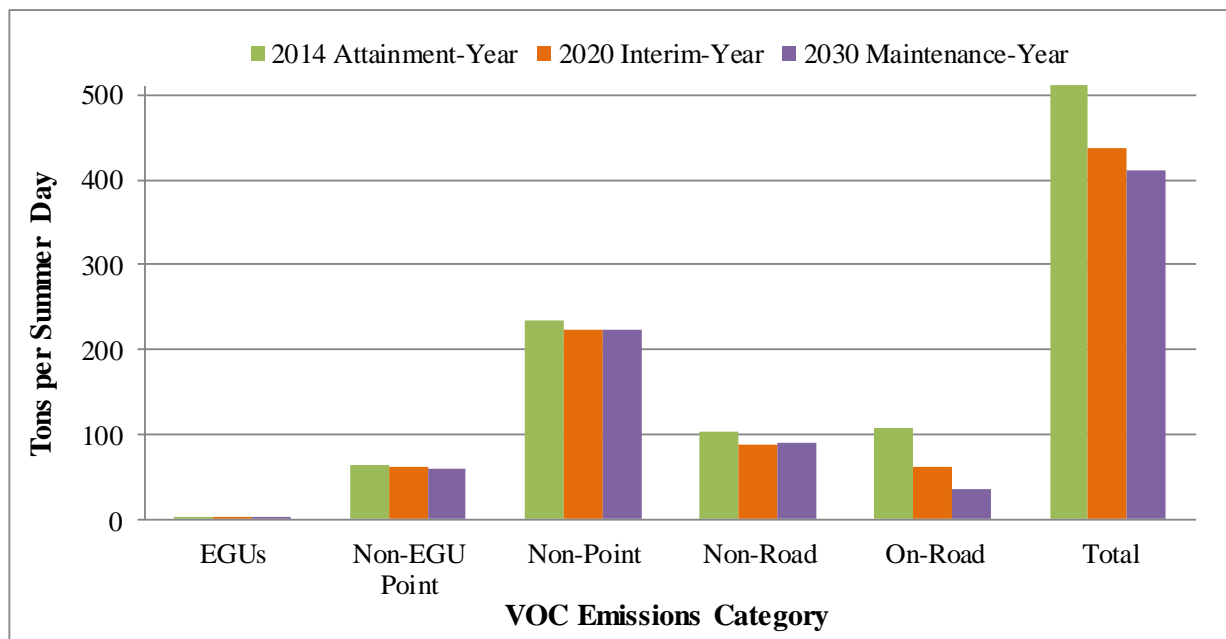
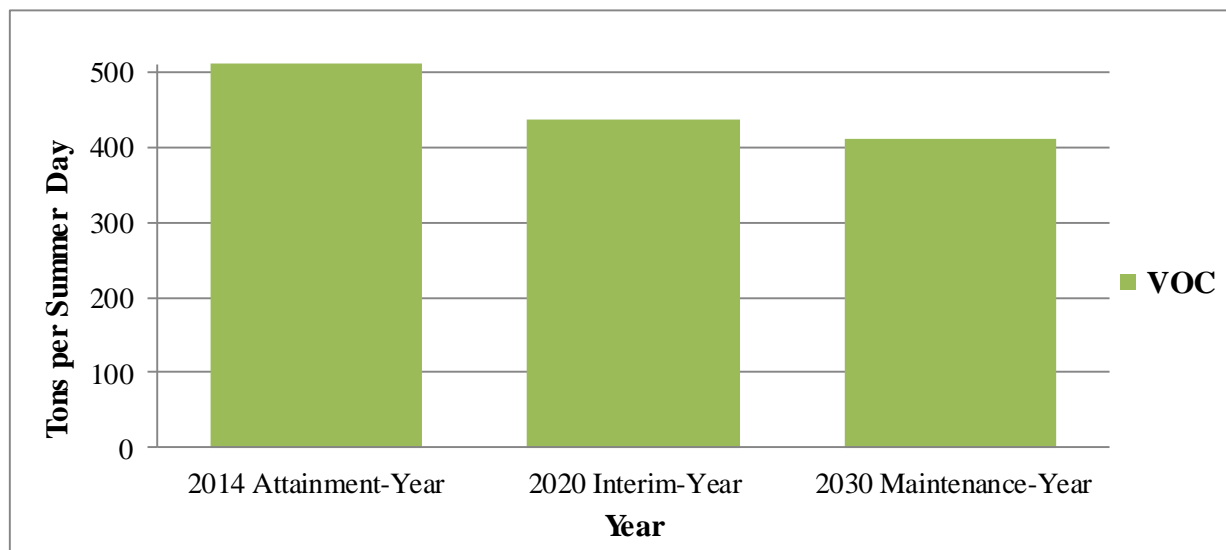
## Entire Chicago Nonattainment Area

Projected NO <sub>x</sub> and VOC Emissions Change between 2014 (Attainment-Year) and 2030 (Maintenance-Year) – Entire Chicago Nonattainment Area, (Tons per Summer Day)				
Emission	2014	2030	Change	% Change
NO <sub>x</sub> tpsd	641.90	382.38	-259.52	-40%
VOC tpsd	511.27	411.55	-99.72	-20%

Comparison of NO <sub>x</sub> Emissions for All Anthropogenic Sources by Year and Category – Entire Chicago Nonattainment Area, 2014, 2020, and 2030 (Tons per Summer Day)						
Year	EGU	Non-EGU Point	Non-Point	Non-Road	On-Road	Total
2014	57.21	111.60	40.75	158.04	274.29	641.90
2020	52.41	114.33	40.37	122.75	133.59	463.45
2030	63.45	112.02	39.12	102.59	65.20	382.38



<b>Comparison of VOC Emissions for All Anthropogenic Sources by Year and Category – Entire Chicago Nonattainment Area, 2014, 2020, and 2030 (Tons per Summer Day)</b>						
<b>Year</b>	<b>EGU</b>	<b>Non-EGU Point</b>	<b>Non-Point</b>	<b>Non-Road</b>	<b>On-Road</b>	<b>Total</b>
<b>2014</b>	234.43	1.66	102.90	64.79	107.50	511.27
<b>2020</b>	224.18	1.35	88.22	62.05	61.22	437.02
<b>2030</b>	223.03	1.79	90.45	60.28	36.00	411.55



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